

CRF Errors Edited by the STIC Systems Branch

Serial Number: 10/550,584

CRF Edit Date: 10/7/05
Edited by: W

___ Realigned nucleic acid/amino acid numbers/text in cases where the sequence text "wrapped" to the next line

___ Corrected the SEQ ID NO. Sequence numbers edited were:

J Inserted or corrected a nucleic number at the end of a nucleic line. SEQ ID NO's edited:

7

___ Deleted: ___ invalid beginning/end-of-file text ; ___ page numbers

___ Inserted mandatory headings/numeric identifiers, specifically:

___ Moved responses to same line as heading/numeric identifier, specifically:

___ Other:



PCT10

RAW SEQUENCE LISTING

DATE: 10/07/2005

PATENT APPLICATION: US/10/550,584

TIME: 16:33:57

Input Set : A:\PTO.AMC.txt

Output Set: N:\CRF4\10072005\J550584.raw

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3 <110> APPLICANT: SHINOZAKI, Kazuko
4     KATSURA, Koji
5     ITO, Yusuke
7 <120> TITLE OF INVENTION: Stress-inducible promoter and method for using the same
9 <130> FILE REFERENCE: 382.1048
C--> 11 <140> CURRENT APPLICATION NUMBER: US/10/550,584
C--> 11 <141> CURRENT FILING DATE: 2005-09-22
11 <150> PRIOR APPLICATION NUMBER: PCT/JP2004/002563
12 <151> PRIOR FILING DATE: 2004-03-02
14 <150> PRIOR APPLICATION NUMBER: JP 2003-080847
15 <151> PRIOR FILING DATE: 2003-03-24
17 <160> NUMBER OF SEQ ID NOS: 12
19 <170> SOFTWARE: PatentIn Ver. 2.1
21 <210> SEQ ID NO: 1
22 <211> LENGTH: 1066
23 <212> TYPE: DNA
24 <213> ORGANISM: Oryza sativa
26 <220> FEATURE:
27 <223> OTHER INFORMATION: Inventor: Shinozaki, Kazuko; Katsura, Koji; Ito, Yusuke
29 <400> SEQUENCE: 1
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31 aaattagaga agccccggac gactcgatct gggggtggca aattaatcag tgtgatcaac 120
32 agggataact tatcccgctc gaccaaatcc accaaccaaa ccaagaccgc atttgtagg 180
33 ctgtgaaaga cggatcagtg ggaccctgat ctacggaccc catatgtcac cgtccaggtc 240
34 tctggatctc tcccgcgtc ctaatcagac accgcgcgcg cggtgccgtc gctctcgagc 300
35 cgtgtcccgc tcccaactcg tcacaaaagc gatcacagac tcttccttcc tctgctggga 360
36 gagaagaaaa attggccgcg atgatgccga taaagaggaa aaagggatga gaatccgatg 420
37 gaaaaaaaaact gatgttaatc tatcgctact gctgcgcaat aagacgaatc gtatccgaac 480
38 aagaaacgct tacgttactg ttctaaatg gatcgctccg ctcatcaatt aacaaaaaat 540
39 cgattaggaa attgacggac agcgacgccc gaagccaagt gtctcgtcgc gtaggcgtcg 600
40 aggcctcgaa gcagaggag cggagaggcg gacgcgccgc ccacgcctcc tctccctcgg 660
41 tgacacggcc gtctggctcc acatggcgcc gacctctccc gatgcgtcca cccgtccga 720
42 ggcaccgcca cgtcggaacc agccggcgcc cccacgcgat tgccgacacg cgtcgcgccg 780
43 ccaactggctc acccgctgcc tgccctctgcc tgccccccat ctcgtcgcca tttcccgccc 840
44 acgcttcttg tctcgcgctc gcctacgcgt acgtacgata caaacgcgcg acctttcgat 900
45 cccctccgct atataaggag ggcctctgcc tcgccacctt cttcatccga aagcaaaagc 960
46 gactcgtcac agtcaaaca agtcaagagc gaatagttct tgctgatctg ttgtttgatt 1020
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51 <211> LENGTH: 1245
52 <212> TYPE: DNA
53 <213> ORGANISM: Oryza sativa
55 <400> SEQUENCE: 2

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58 gagaggaaca cggagagcca ccagggtggc gaggctgcag agcagggtga ggtgaaggac 180
59 aggggcctct tcgacaacct cttggcagg aagaaggacg atcagccgga ggagaagaag 240
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61 gagcaccacg ccgagggcga gaagaaggag agcctcctct ccaagctgca ccgatccagc 360
62 tccagctcca gctcgtcgag tgatgaggaa gaggagggtga tcgatgacaa cggcgagggtg 420
63 gtcaagagga agaagaagaa ggggctcaag gagaagatca aggagaagct gcccggccac 480
64 aaggaccatg ccggtgagca tgctcctccg ccgcgcggca cgggcttccc gcgcgggctc 540
65 cgctgcatcc gtggtgacgg ccgcgccac gccactcctg ctcccgtggt gactcacggc 600
66 gatcaccacc acgacaccgc cgtccccgtg gaaaagatcg aggggtgatca cgccagacgg 660
67 aggcgacctt gccacgtgca cccgaggagg aaaaaagggc ttctctgaca agatcaagga 720
68 gaagctgccc ggcggccaca agaagccgga agacgcaact gctgtgccgc cgccggccgc 780
69 ctaccgggtt gctcctgcca ctactccggc gccagcacac ccaccgccgg ctacagagga 840
70 agtgagcagc ccgatggga aggagaagaa ggggtatactg ggcaagatca tggagaaact 900
71 gcccggttac cacaagggtt ccggcgagga agacaagacc gccgccgccg ccaccggcga 960
72 gcacaagagc agcgcttaat tggggcggtg gtgagaccag gccatggttg gaatttggaa 1020
73 gtgtttggcg tgtgttagtt tgggtgcttt tctgcaactgc agctttgtta agttcgtgtc 1080
74 aagattggtc aaggcctggt cagcgaagcc cgatcagtga tcgaagtttg tgtttcgtgt 1140
75 ggggtacggg cttcagtttg ctatagtcaa gtactagatg ttgagtttgt ttaattatta 1200
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80 <211> LENGTH: 28
81 <212> TYPE: DNA
82 <213> ORGANISM: Artificial Sequence
84 <220> FEATURE:
85 <223> OTHER INFORMATION: Description of Artificial Sequence:primer
87 <400> SEQUENCE: 3
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94 <213> ORGANISM: Artificial Sequence
96 <220> FEATURE:
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103 <210> SEQ ID NO: 5
104 <211> LENGTH: 1608
105 <212> TYPE: DNA
106 <213> ORGANISM: Oryza sativa
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110 gttcttttct gctattccat acatatcaat ctctagagga acaccttact ctagctttca 120
111 gacaagggac ggtggtaaat cacgtcgtat cctccatggg gtgtgctccg aaaaaccttc 180
112 cctcatgcat tagagatcat ggggtggaatt tagcgatggc acaccttatt tataatttag 240
113 ttactctccg gcggtacat ctgcttccgt ttgttgatcg atgctggcga tgatgtgtgt 300
114 gagtatcgat caacagaatg atcggacgct atttttgggg tcgttttttt tcagcattga 360
115 ggaggggatga ggattgcttg caacatgcag gtgctgctca aaacaacggt taagcagata 420

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176 95          100          105          110
178 tgc ctc aac ttc gcc gac tcc gcg tgg ctc ctc gcc gtg ccg cgc tcc 446
179 Cys Leu Asn Phe Ala Asp Ser Ala Trp Leu Leu Ala Val Pro Arg Ser
180          115          120          125
182 tac cgc acc ctt cgc cga cgt ccg cca cgc cgt gcc gag gcc gtc gag 494
183 Tyr Arg Thr Leu Arg Arg Arg Pro Pro Arg Arg Ala Glu Ala Val Glu
184          130          135          140
186 gac ttc ttc cgg cgc cgc ctc gcc gac gac gcg ctg tcc gcc acg tcg 542
187 Asp Phe Phe Arg Arg Arg Leu Ala Asp Asp Ala Leu Ser Ala Thr Ser
188          145          150          155
190 tcg tcc tcg acg acg ccg tcc acc cca cgc acc gac gac gac gag gag 590
191 Ser Ser Ser Thr Thr Pro Ser Thr Pro Arg Thr Asp Asp Asp Glu Glu
192          160          165          170
195 tcc gcc gcc acc gac ggc gac gag tcc tcc tcc ccg gcc agc gac ctg 638
196 Ser Ala Ala Thr Asp Gly Asp Glu Ser Ser Ser Pro Ala Ser Asp Leu
197 175          180          185          190
199 gcg ttc gaa ctg gac gtc ctg agt gac atg ggc tgg gac ctg tac tac 686
200 Ala Phe Glu Leu Asp Val Leu Ser Asp Met Gly Trp Asp Leu Tyr Tyr
201          195          200          205
203 gcg agc ttg gcg cag ggg atg ctc atg gag cca cca tcg gcg gcg ctc 734
204 Ala Ser Leu Ala Gln Gly Met Leu Met Glu Pro Pro Ser Ala Ala Leu
205          210          215          220
207 ggc gac gac ggt gac gcc atc ctc gcc gac gtc cca ctc tgg agc tac 782
208 Gly Asp Asp Gly Asp Ala Ile Leu Ala Asp Val Pro Leu Trp Ser Tyr
209          225          230          235
211 tagagctcaa tcaactgtac aattttgcct cttttttctc tctttttctgg cttccgatgc 842
212 caaaattttg gtactgtacg gacactactt tcggtaatgt gatggaacaa gttgcaaac 902
213 aaaaaaaaaa aaaaaaaaaa aaaaa 927
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217 <211> LENGTH: 1437
218 <212> TYPE: DNA
219 <213> ORGANISM: Arabidopsis thaliana
221 <220> FEATURE:
222 <221> NAME/KEY: CDS
223 <222> LOCATION: (167)..(1171)
225 <400> SEQUENCE: 7
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227 gatacgagca agaagactaa acacgaaagc gatttatcaa ctcgaaggaa gagactttga 120
228 ttttcaaatt tcgtccccta tagattgtgt tgtttctggg aaggag atg gca gtt 175
229          Met Ala Val
230          1
231 tat gat cag agt gga gat aga aac aga aca caa att gat aca tcg agg 223
232 Tyr Asp Gln Ser Gly Asp Arg Asn Arg Thr Gln Ile Asp Thr Ser Arg
233          5          10          15
234 aaa agg aaa tct aga agt aga ggt gac ggt act act gtg gct gag aga 271
235 Lys Arg Lys Ser Arg Ser Arg Gly Asp Gly Thr Thr Val Ala Glu Arg
236 20          25          30          35
237 tta aag aga tgg aaa gag tat aac gag acc gta gaa gaa gtt tct acc 319
238 Leu Lys Arg Trp Lys Glu Tyr Asn Glu Thr Val Glu Glu Val Ser Thr

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239		40		45		50		
240	aag aag agg aaa gta cct gcg aaa ggg tcg aag aag ggt tgt atg aaa	367						
241	Lys Lys Arg Lys Val Pro Ala Lys Gly Ser Lys Lys Gly Cys Met Lys							
242		55		60		65		
243	ggg aaa gga gga cca gag aat agc cga tgt agt ttc aga gga gtt agg	415						
244	Gly Lys Gly Gly Pro Glu Asn Ser Arg Cys Ser Phe Arg Gly Val Arg							
245		70		75		80		
246	caa agg att tgg ggt aaa tgg gtt gct gag atc aga gag cct aat cga	463						
247	Gln Arg Ile Trp Gly Lys Trp Val Ala Glu Ile Arg Glu Pro Asn Arg							
248		85		90		95		
249	ggg agc agg ctt tgg ctt ggt act ttc cct act gct caa gaa gct gct	511						
250	Gly Ser Arg Leu Trp Leu Gly Thr Phe Pro Thr Ala Gln Glu Ala Ala							
251	100		105		110		115	
252	tct gct tat gat gag gct gct aaa gct atg tat ggt cct ttg gct cgt	559						
253	Ser Ala Tyr Asp Glu Ala Ala Lys Ala Met Tyr Gly Pro Leu Ala Arg							
254		120		125		130		
255	ctt aat ttc cct cgg tct gat gcg tct gag gtt acg agt acc tca agt	607						
256	Leu Asn Phe Pro Arg Ser Asp Ala Ser Glu Val Thr Ser Thr Ser Ser							
257		135		140		145		
258	cag tct gag gtg tgt act gtt gag act cct ggt tgt gtt cat gtg aaa	655						
259	Gln Ser Glu Val Cys Thr Val Glu Thr Pro Gly Cys Val His Val Lys							
260		150		155		160		
261	aca gag gat cca gat tgt gaa tct aaa ccc ttc tcc ggt gga gtg gag	703						
262	Thr Glu Asp Pro Asp Cys Glu Ser Lys Pro Phe Ser Gly Gly Val Glu							
263		165		170		175		
264	ccg atg tat tgt ctg gag aat ggt gcg gaa gag atg aag aga ggt gtt	751						
265	Pro Met Tyr Cys Leu Glu Asn Gly Ala Glu Glu Met Lys Arg Gly Val							
266	180		185		190		195	
267	aaa gcg gat aag cat tgg ctg agc gag ttt gaa cat aac tat tgg agt	799						
268	Lys Ala Asp Lys His Trp Leu Ser Glu Phe Glu His Asn Tyr Trp Ser							
269		200		205		210		
270	gat att ctg aaa gag aaa gag aaa cag aag gag caa ggg att gta gaa	847						
271	Asp Ile Leu Lys Glu Lys Glu Lys Gln Lys Glu Gln Gly Ile Val Glu							
272		215		220		225		
273	acc tgt cag caa caa cag cag gat tcg cta tct gtt gca gac tat ggt	895						
274	Thr Cys Gln Gln Gln Gln Asp Ser Leu Ser Val Ala Asp Tyr Gly							
275		230		235		240		
276	tgg ccc aat gat gtg gat cag agt cac ttg gat tct tca gac atg ttt	943						
277	Trp Pro Asn Asp Val Asp Gln Ser His Leu Asp Ser Ser Asp Met Phe							
278		245		250		255		
279	gat gtc gat gag ctt cta cgt gac cta aat ggc gac gat gtg ttt gca	991						
280	Asp Val Asp Glu Leu Leu Arg Asp Leu Asn Gly Asp Asp Val Phe Ala							
281	260		265		270		275	
282	ggc tta aat cag gac cgg tac ccg ggg aac agt gtt gcc aac ggt tca	1039						
283	Gly Leu Asn Gln Asp Arg Tyr Pro Gly Asn Ser Val Ala Asn Gly Ser							
284		280		285		290		
285	tac agg ccc gag agt caa caa agt ggt ttt gat ccg cta caa agc ctc	1087						
286	Tyr Arg Pro Glu Ser Gln Gln Ser Gly Phe Asp Pro Leu Gln Ser Leu							
287		295		300		305		

VERIFICATION SUMMARY

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Input Set : A:\PTO.AMC.txt

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L:11 M:271 C: Current Filing Date differs, Replaced Current Filing Date
L:148 M:112 C: (48) String data converted to lower case,
M:112 Repeated in SeqNo=6